

In the claims

Please amend claims 1, 3, 4, 7- 9, 14, 15, 16, 20, 22, 24, 25, 27, 40, 45, 47, 49 and 52 as follows, and add new claim 55. No amendments have been made to claims 29, 30, 33, 34, 35 and 50. Claims 2, 5, 6, 10-13, 17-19, 21, 23, 26, 28, 31, 32, 36-39, 41-44, 46, 48, 51, 53 and 54 were previously cancelled.

1. (Currently amended) A performance monitoring system comprising:
 - a staging area ~~for~~receiving data from one or more data sources;
 - a KPI store ~~for~~storing performance information relating to predefined-Key Performance Indicators (KPIs);
 - a loader ~~for~~
 - transforming the received data into the performance information relating to the KPIs,
 - calculating scores based on the received data and the performance information stored in the KPI store to indicate changes in the KPIs such that the scores indicate if associated KPIs are getting better or worse or unchanged, and
 - loading the performance information including the scores into the KPI store; and
 - an information presentation unit ~~for~~presenting the performance information to a user, wherein the information presentation unit has a front-end interface having a data guided monitoring function that receives a user input and presents relevant performance information in a selected order based on the user input to allow the user to monitor and analyze the performance information using the scores.

2. (Cancelled)

3. (Currently amended) The performance monitoring system as claimed in claim 1 wherein

- the staging area is capable of receiving ~~receives~~an actual value for a KPI;
- the KPI store is capable of storing ~~stores~~a history of the actual value for the KPI;

the loader has a function that calculates-a score for the KPI based on the actual value and the history to indicate if the KPI is getting better or worse or unchanged.

4. (Currently amended) The performance monitoring system as claimed in claim 1 wherein

the staging area is capable of receiving receives-a target value and an actual value for a KPI;

the loader has a function that calculates a score for the KPI based on the actual value and the target value or a prorated target value to indicate if the KPI is good, bad or neutral compared to the target value, and calculates-another score by comparing the calculated score and a score calculated and stored in the KPI store at a previous loading, so that the another score indicates if the KPI is getting better or worse or unchanged.

5-6. (Cancelled)

7. (Currently amended) The performance monitoring system as claimed in claim 1 wherein the information presentation unit has a function that presents-a higher level of the performance information in a form capable of breaking down into a lower lever.

8. (Currently amended) The performance monitoring system as claimed in claim 1 wherein the staging area is capable of providing provides-to the loader data that has changed from a last loading.

9. (Currently amended) The performance monitoring system as claimed in claim 1 wherein

the staging area contains value information for the KPIs and time information relating to one or more time periods to which the value information is applied;

the loader has a function to determine which KPI is effected by a change in the value information;

the KPI store is capable of storing stores-the value information in association with the time information in a relational cube having the time and indicator dimensions, actual

values, target values and score values for the KPIs, and/or business metadata as a network of content of the metadata.

10-13. (Cancelled)

14. (Currently amended) The performance monitoring system as claimed in claim 1 wherein the information presentation unit comprises:

an application server for accessing and managing the performance information stored in the KPI store; and

wherein the a-front-end interface has a function that allows for allowing a user to add to or modify annotation in monitor and analyse the performance information, and the KPI store is capable of storing the annotation.

15. (Currently amended) The performance monitoring system as claimed in claim 14 wherein

~~the front-end interface has a data guided monitoring function is capable of for receiving a user input and presenting relevant performance information in a selected order based on the user input, presenting the performance information of a selected KPI together with related KPIs which are in a cause and effect relation with the selected KPI, and/or presenting the performance information of related KPIs in a diagram to navigate the user through the related KPIs.~~

16. (Currently amended) The performance monitoring system as claimed in claim 15 wherein the data guided monitoring function has a function that presents the performance information for relevant KPIs sorted based on a selected type of scores, and/or presents the performance information for relevant KPIs filtered and sorted based on the scores of the KPIs.

17-19. (Cancelled)

20. (Currently amended) A performance monitoring system comprising:

a staging area for receiving data from one or more data sources;

a KPI store for storing performance information relating to predefined Key Performance Indicators (KPIs);

a loader for transforming the received data into the performance information relating to the KPIs, and loading the performance information including the scores into the KPI store wherein the scores indicate if associated KPIs are getting better or worse or unchanged; and

an information presentation unit for presenting the performance information to a viewer, the information presentation unit having a viewer driven sorter and/or a viewer driven filter for allowing the viewer to sort and/or filter the performance information using the scores of all or some of the KPIs stored in the KPI store.

21. (Cancelled)

22. (Currently amended) The performance monitoring system as claimed in claim 20 wherein the information presentation unit has a function that allows the viewer to add to or modify annotation in viewer-driven filter for allowing the viewer to filter the performance, and the KPI store is capable of storing the annotation information using the scores of all or some of the KPIs stored in the KPI store.

23. (Cancelled)

24. (Currently amended) The performance monitoring system as claimed in claim 22 wherein the information presentation unit has a function that presents multiple view metric types, and has a metric selector that allows for allowing the viewer to select a preferred view metric type to present for presenting the sorted and/or filtered performance information.

25. (Currently amended) The performance monitoring system as claimed in claim 22 wherein

the loader has a function that calculates scores based on the received data and the performance information stored in the KPI store to indicate changes in the KPIs, and

the viewer driven sorter and filter has a function that sorts and/or filters sort and/or filter the performance information based on the scores calculated based on the changes in the KPIs.

26. (Cancelled)

27. (Currently amended) A method of for monitoring business performance, the method comprising steps of:

receiving data from one or more data sources;

transforming the received data into performance information relating to predefined Key Performance Indicators (KPIs);

storing the performance information into a KPI store;

calculating scores based on the received data and the performance information stored in the KPI store to indicate changes in the KPIs such that the scores indicate if associated KPIs are getting better or worse or unchanged;

loading the performance information including the scores into the KPI store; and receiving a user input; and

presenting the performance information to a user in a selected order based on the user input, using relevant KPIs sorted and/or filtered based on a selected type of scores of the KPIs, to allow the user to monitor and analyze the performance information using the scores.

28. (Cancelled)

29. (Previously presented) The method as claimed in claim 27 wherein

the receiving step receives an actual value for a KPI; and

the calculating step calculates a score for the KPI based on the actual value and its history stored in the KPI store to indicate if the KPI is getting better or worse or unchanged.

30. (Previously presented) The method as claimed in claim 27 wherein

the receiving step receives a target value and an actual value for a KPI; and

the calculating step calculates a score for the KPI based on the actual value and the target value or a prorated target value to indicate if the KPI is good, bad or neutral compared to the target value; and further calculates another score by comparing the calculated score and a score calculated and stored in the KPI store at a previous loading, so that the another score indicates if the KPI is getting better or worse or unchanged.

31-32. (Cancelled)

33. (Previously presented) The method as claimed in claim 27 wherein the presentation step presents a higher level of the performance information in a form capable of breaking down into a lower lever.

34. (Original) The method as claimed in claim 27 wherein the receiving step makes available data that has changed from a last loading.

35. (Previously presented) The method as claimed in claim 27 wherein
the receiving step receives value information for the KPIs and time information relating to one or more time periods to which the value information is applied;
the calculating step determines which value information is effected by a change in the value information;
the storing step stores the value information in association with the time information, actual values, target values and score values for the KPIs in a relational cube having the time and indicator dimensions, and/or business metadata as a network of content of the metadata.

36-39. (Cancelled)

40. (Currently amended) The method as claimed in claim 27 wherein the presenting step comprises steps of:
receiving a user input; and

presenting relevant performance information in a selected order based on the user input, using relevant KPIs sorted and/or filtered based on a selected type of scores of the KPIs, presenting the performance information of a selected KPI together with related KPIs which are in a cause and effect relation with the selected KPI, and/or presenting the performance information of related KPIs in a diagram to navigate the user through the related KPIs.

41-44. (Cancelled)

45. (Currently amended) A method of ~~for~~ monitoring performance comprising the steps of:

receiving data from one or more data sources;

storing in a KPI store performance information relating to predefined Key Performance Indicators (KPIs);

transforming the received data into the performance information relating to the KPIs;

loading the performance information including scores into the KPI store wherein the scores indicate if associated KPIs are getting better or worse or unchanged; and

presenting the performance information to a viewer, allowing the viewer to sort and/or filter the performance information using the scores of all or some of the KPIs stored in the KPI store.

46. (Cancelled)

47. (Currently amended) The method as claimed in claim 45 wherein the presenting step further comprising a step of ~~for~~ allowing the viewer to add to or modify annotation to filter the performance information, and

the storing step stores the annotation in the KPI store using the scores of all or some of the KPIs stored in the KPI store.

48. (Cancelled)

49. (Currently amended) The method as claimed in claim 47 wherein the presenting step further comprising steps of providing options of multiple view metric types, and allowing the viewer to select a preferred view metric type to present for presenting the sorted/filtered performance information.

50. (Previously presented) The method as claimed in claim 49 wherein
the loading step having a step of calculating scores based on the received data and the performance information stored in the KPI store to indicate changes in the KPIs; and

the presenting step allows the viewer to sort and/or filter the performance information based on the changes in the KPIs.

51. (Cancelled)

52. (Currently amended) A computer readable medium storing the instructions and/or statements for use in the execution in a computer of a method of for monitoring business performance, the method comprising steps of:

receiving data from one or more data sources;

transforming the received data into performance information relating to ~~predefined~~ Key Performance Indicators (KPIs);

storing the performance information into a KPI store;

calculating scores based on the received data and the performance information stored in the KPI store to indicate changes in the KPIs such that the scores indicate if associated KPIs are getting better or worse or unchanged;

loading the performance information including the scores into the KPI store;

receiving a user input; and

presenting the performance information to a user in a selected order based on the user input, using relevant KPIs sorted and/or filtered based on a selected type of scores of the KPIs so as to allow the user to monitor and analyze the performance information using the scores.

53-54. (Cancelled)

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55. (New) The method as claimed in claim 27

wherein the presenting step comprises the step of allowing the user to add to or modify annotation to the performance information, and
the storing step stores the annotation in the KPI store.